## **AUTHOR INDEX**

Allen, J.C. (Gainesville, FL, U.S.A.)	
Factors contributing to chaos in population feedback systems	281
Aoki, I. (Osaka, Japan)	
Monthly variations of entropy production in Lake Biwa	227
Arno, S.F., see Keane, R.E. et al.	
Banton, O., see Villeneuve, J.P. et al.	
Barak, P., Molina, J.A.E. (St. Paul, MN, U.S.A.), Hadas, A. (Bet Degan, Israel) and	
Clapp, C.E. (St. Paul, MN, U.S.A.)	
Optimization of an ecological model with the Marquardt algorithm	251
Brown, J.K., see Keane, R.E. et al.	
Burns, T.P., see Patten, B.C. et al.	
Clapp, C.E., see Barak, P. et al.	
Cronk, J.K., Mitsch, W.J. and Sykes, R.M. (Columbus, OH, U.S.A.)	
Effective modelling of a major inland oil spill on the Ohio River	161
DeGrandi-Hoffman, G., Roth, S.A., Loper, G.M. and Erickson, E.H., Jr. (Tucson, AZ,	
U.S.A.)	
BEEAMATE: A honeybee colony genetics model	299
Erickson, E.H., Jr., see DeGrandi-Hoffmann, G. et al.	
Gard, T.C. (Athens, GA, U.S.A.)	
A stochastic model for the effects of toxicants on populations	273
Hadas, A., see Barak, P. et al.	
Hathhorn, W.E., see Tung, Y.K. and Hathhorn, W.E.	
Higashi, M., see Patten, B.C. et al.	
Jessup, R.E., see Reddy, K.R. et al.	
Keane, R.E. (Missoula, MT, U.S.A.), Arno, S.F., Brown, J.K. and Tomback, D.F.	
(Denver, CO, U.S.A.)	
Modelling stand dynamics in whitebark pine (Pinus albicaulis) forests	73
Lafrance, P., see Villeneuve, J.P. et al.	
Long, G., see Polymenopoulos, A.D. and Long, G.	
Loper, G.M., see DeGrandi-Hoffmann, G. et al.	
Maddox, J.V., see Onstad, D.W. and Maddox, J.V.	
Mitsch, W.J., see Cronk, J.K. et al.	
Molina, J.A.E., see Barak, P. et al.	
Onstad, D.W. and Maddox, J.V. (Champaign, IL, U.S.A.)	
Simulation model of Tribolium confusum and its pathogen, Nosema whitei	143
Parrish, R.S. and Smith, C.N. (Athens, GA, U.S.A.)	
A method for testing whether model predictions fall within a prescribed factor of	
true values, with an application to pesticide leaching	59
Patten, B.C., Higashi, M. and Burns, T.P.	
Trophic dynamics in ecosystem networks: significance of cycles and storage	1
Polymenopoulos, A.D. (Alexandria, VA, U.S.A.) and Long, G. (Pullman, WA, U.S.A.)	
Estimation and evaluation methods for population growth models with spatial	
diffusion: dymanics of mountain pine beetle	97

Rao, P.S.C., see Reddy, K.R. et al.	
Reddy, K.R., Rao, P.S.C. and Jessup, R.E. (Gainesville, FL, U.S.A.)	
Transformation and transport of ammoniom nitrogen in a flooded organic soil	205
Roth, S.A., see DeGrandi-Hoffman, G. et al.	
Seno, H. (Kyoto, Japan)	
A density-dependent diffusion model of shoaling of nesting fish	217
Smith, C.N., see Parrish, R.S. and Smith, C.N.	
Smith, S.M. and You, M. (Toronto, Ont., Canada)	
A life system simulation model for improving inundative releases of the egg	
parasite, Trichogramma minutum against the spruce budworm	123
Sykes, R.M., see Cronk, J.K. et al.	
Tomback, D.F., see Keane, R.E. et al.	
Tung, Y.K. (Laramie, WY, U.S.A.)	
Evaluating the probability of violating dissolved oxygen standard	193
Tung, Y.K. (Laramie, WY, U.S.A.) and Hathhorn, W.E. (Austin, TX, U.S.A)	
Stochastic waste load allocation	29
Villeneuve, J.P., Banton, O. and Lafrance, P. (Ste-Foy, Que., Canada)	
A probabilistic approach for the groundwater vulnerability to contamination by	
pesticides: the VULPEST model	47
Wu, J. (Oxford, OH, U.S.A)	
Modelling the energy exchange processes between plant communities and environ-	
ment	233
You, M., see Smith, S.M. and You, M.	
Zhang, D. (Lanzhou, People's Republic of China)	
Detection of spatial pattern in desert shrub populations: a comment	265

